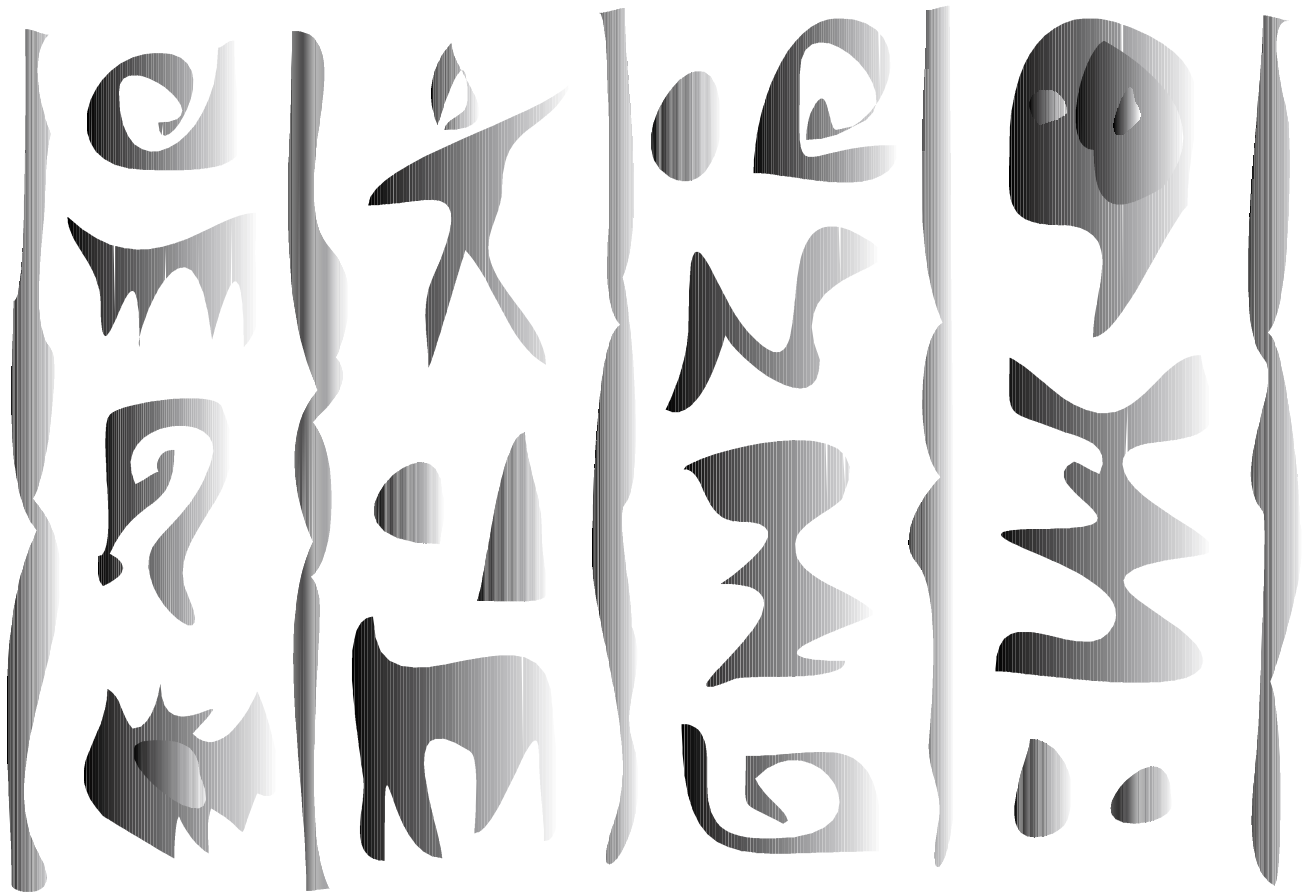


# Wasatch Front Utah Job Outlook



Salt Lake, Utah, Weber, Davis, Tooele, Summit,  
Wasatch, and Morgan Counties



Utah Department of Workforce Services  
June 2000

# training levels

Training levels represent how *most* workers became proficient in their occupations.

**Bachelor's Degree or Higher**—This classification includes four training groups: professional degrees (like law or medicine), doctoral degrees, master's degrees, bachelor's degrees, and work experience in an occupation requiring a bachelor's or higher degree (like managers).

**Associate's Degree or Applied Technology Training**—Associate's Degrees usually require at least two years of full-time academic work after high school. Most occupations in this category are health-related. Applied technology occupations generally require completion of applied technology training programs or courses that do not result in a degree. Program lengths vary and often lead to certification or a diploma. Some occupations require licensure.

**Work Experience in a Related Occupation**—These occupations require skills and experience gained in another occupation. Or, skills may be developed from hobbies or military service.

**Long-Term On-the-Job Training**—These are occupations which generally require more than 12 months of on-the-job training or combined work experience *and* formal classroom instruction before workers develop skills needed for average job performance.

## Moderate-Term On-the-Job Training—

Workers in this category usually achieve average job performance after one to 12 months of combined on-the-job experience and informal training (which can include watching experienced workers). Trainees are given progressively more difficult assignments as they demonstrate their mastery of lower-level skills.

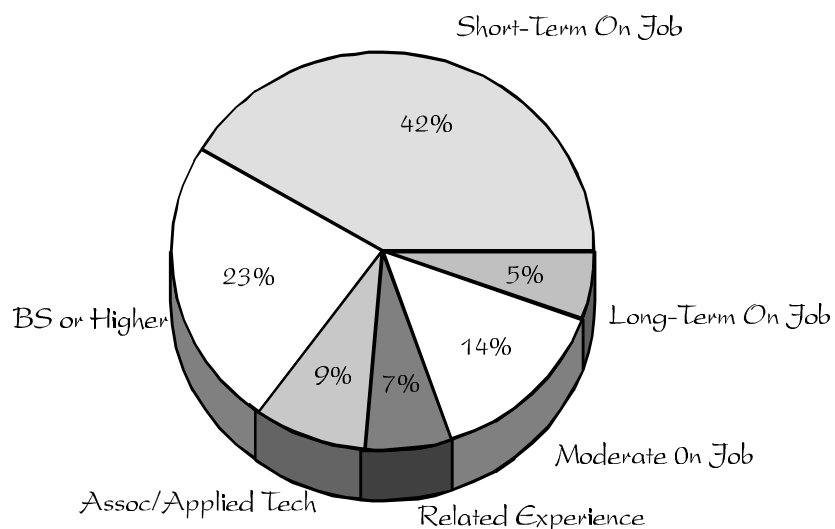
## Short-Term On-the-Job Training—

In this group, workers typically achieve average job performance in just a few days or weeks by working with, observing, and asking questions of experienced employees.



training does count!

## Wasatch Front New Jobs by Training Level—2000-2005



## a word about occupational wages. . .

On average, workers in urban areas can expect to earn wages similar to statewide figures.

***The wage rates in this publication show the average wage rate for experienced workers.***

These are average wages. . . they represent workers with 30 years of experience as well as those with three years of experience.

Workers entering the occupation for the first time

can expect to earn noticeably lower wages than those listed.

Local wages are used whenever possible. In this case, wages are for the Salt Lake-Ogden Metropolitan Area—unless denoted by (\*). Figures marked with a (\*) are Utah wages.

*Wages were collected by the Utah Department of Workforce Services between October 1998 and July 1999.*

For more information on occupational wages visit our web site:

***wi.dws.state.ut.us***



**question:** *Should I pay the most attention to occupations with the most new openings or those that are fastest growing?*

**answer:** Job growth can be measured by percent change and numerical change. The fastest growing occupations do not necessarily provide the largest number of jobs. A larger occupation with slower growth may produce more openings than a smaller occupation with faster growth.

For example, the rate of growth for paralegals is twice that of nurses. But, there are 10 times as many nursing openings as paralegal openings. Generally, it's best to **concentrate on occupations with the most openings**. However, often when occupations are growing rapidly there may be short-term shortages of workers. BUT, further research would be necessary! Don't just think that a rapidly growing occupation is a sure road to job-seeking success.

Fastest-Growing  
or  
Most  
Openings?

**D**on't be fooled!  
Fast-growing occupations might create only a few jobs.

# Wasatch Front

## Employment Projections by Training Level 2000 - 2005

### Bachelor's Degree or Higher

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Accountants & Auditors	330	\$18.20	Managers, Engineering, Computer Info	140	\$32.50 *
Artists & Commercial Artists	230	\$16.30	Managers, Financial	180	\$25.60
Computer Programmers	230	\$22.80	Managers, General & Top Execs	610	\$29.10
Computer Systems Analysts	390	\$23.40	Managers, Medical/Health Service	120	\$25.90
Dentists	130	\$43.10	Managers, Property/Real Estate	130	\$17.00
Education Administrators	100	\$26.00	Physicians	260	\$45.50
Engineers, Computers	340	\$28.00	Social Workers, Ex Med/Psychtric	200	\$14.20
Engineers, Electrical & Electronic	210	\$28.30	Social Workers, Med/Psychtric	100	\$16.80
Human Res/Training/Lab Rel Specs	210	NA	Teachers, Elementary School	280	\$15.90
Loan Officers and Counselors	100	\$17.60	Teachers, Secondary School	540	\$16.60
Management Analysts	220	\$23.60	Teachers, Special Education	100	\$16.30
Managers, Administrative	120	\$21.40 *	Writers & Editors	190	\$17.20
Managers, Advertising, Marketing, Sales	130	\$28.50			

### Associate Degree/Applied Tech

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Aircraft Mechanics	40	\$19.90	Medical Records/Health Info Techs	50	\$10.00
Automotive Mechanics/Serv. Tech.	400	\$13.30	Medical/Clinical Lab Technicians	40	\$10.40
Broadcast & Sound Technicians	40	NA	Nurses, Registered	670	\$20.90 *
Computer Support Specialists	570	\$16.10	Paralegals & Legal Assistants	50	\$16.00
Cosmetologists & Hairstylists	390	\$7.70	Photographers	90	NA
Drafters	120	\$13.90 *	Physical Therapy Assists/Aides	70	\$8.80
Electrical & Electronic Technicians	90	\$17.10	Radiologic Techs/Technologists	60	NA
Electrical Installers and Repairers	40	\$22.20	Sales Agents, Real Estate	210	NA
Electronics Repairers, Com./Ind. Equip.	50	\$17.10	Secretaries, Legal	40	\$13.60
Licensed Practical Nurses	130	\$12.10	Travel Agents	40	\$10.90

### Experience in a Related Occupation

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Brokers, Real Estate	90	\$24.20	Inspectors/Testers/Graders	50	NA
Custom Tailors & Sewers	50	NA	Inspectors & Compliance Officers	40	\$18.30
Electrical/Electronic Assemblers	120	\$9.50	Managers, Food Service & Lodging	340	\$13.40
First Line Supervisors, Construction	140	\$19.70 *	Managers, Lawn Service	90	NA
First Line Supervisors, Marketing/Sales	780	\$16.40	New Accounts Clerks, Banking	50	NA
First Line Supervisors, Mechanics	120	\$19.40	Private Detectives/Investigators	70	NA
First Line Supervisors, Office/Admin Support	450	\$15.30	Teachers/ Instructors, VocED/Training	140	NA
First Line Supervisors, Production	160	\$17.30			

Unless noted with (\*), wages are for the Salt Lake-Ogden Metro Area.

\* Statewide wages.

# Long-Term On-the-Job Training

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Actors/Directors/Producers	130	\$9.00	Insurance Adjusters/Investgers	50	\$19.30
Automotive Body & Rel Repairers	110	\$13.70	Machinists	100	\$14.00
Carpenters	150	\$14.10	Maintenance Repairers, Gen Util	280	\$11.60
Cooks, Institution/Cafeteria	80	\$8.70	Mobile Heavy Equipment Mechannics	40	\$16.80
Cooks, Restaurant	230	\$8.00	Musicians, Instrumental	60	NA
Correctional Officers	90	\$13.50 *	Office Machine, Cash Register Servicers	50	\$11.40
Diesel Engine Mechanics	90	\$14.80	Police Patrol Officers	130	\$15.60
Flight Attendants	80	NA	Sheriffs & Deputy Sheriffs	40	\$14.60
Industrial Machinery Mechanics	40	\$15.10	Welders & Cutters	40	\$12.90

# Moderate-Term On-the-Job Training

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Accounting & Bookkeeping Clerks	310	\$10.50	Photographic Process Workers, Prec	50	\$8.50
Bakers, Bread & Pastry	80	\$8.70	Printing Press Machine Operators	50	\$12.20
Bus Drivers, Transit/Intercity	70	\$12.50	Sales Agents, Advertising	90	\$16.40
Data Entry Keyers, Excl Composing	50	\$8.80	Sales Agents, Business Services	270	\$18.40
Dental Assistants	110	\$9.60	Sales Reps, Non-Technical	480	\$19.20
Insurance Policy Process Clerks	40	\$10.50	Sales Reps, Technical	50	\$13.60
Laundry/Drycleaning Machine Operators	70	\$8.80	Salespersons, Parts	60	\$13.60
Medical Assistants	170	\$9.80	Secretaries, Excl Legal or Medical	360	\$11.00
Packaging/Filling Machine Operators	150	\$8.90	Social/Human Service Assistants	170	NA
Painters & Paperhangers	130	\$11.80	Telemarketers & Other Sales Workers	2040	\$7.80

# Short-Term On-the-Job Training

	Annual Job Openings 2000-2005	Estimated Average Hourly Wage		Annual Job Openings 2000-2005	Estimated Average Hourly Wage
Adjustment Clerks	310	\$9.80	Home Health Aides	80	\$7.70
Amusement/Recreation Attendants	160	\$6.20 *	Interview Clerks, Excl Personnel	120	\$9.40
Animal Caretakers, Ex Farm	100	\$8.80 *	Janitors & Cleaners	590	\$7.70
Bank Tellers	210	\$8.00	Laborers, Landscaping/Groundskeeping	780	\$8.20
Bartenders	120	NA	Maids & Housekeeping Cleaners	260	\$6.90
Bill & Account Collectors	180	\$9.80	Mail Clerks, Excl Mail Machine	80	\$8.70
Cashiers	1840	\$7.60	Nursing Aides/Orderlies/Attends	230	\$8.10
Child Care Workers	550	\$6.80	Office Clerks, General	900	\$9.70
Cooks, Fast Food	160	\$6.50 *	Order Clerks	110	\$10.40
Cooks, Short Order	120	\$6.50	Reception & Information Clerks	470	\$8.60
Counter & Rental Clerks	390	\$8.30	Reservation & Transportation Ticket Agts	230	\$12.40
Counter Attendants/Cafeteria	520	\$6.60 *	Sales Clerks, Retail	1770	\$9.00
Dining Room/Cafe Attendants	110	\$6.90	Shipping & Receiving Clerks	160	\$8.40
Fast Food Workers	730	\$6.40	Stock Clerks, Sales Floor	150	\$8.60
File Clerks	100	\$8.40	Stock Clerks: Stockrm/Warehouse	190	\$9.60
Food Preparation Workers	600	\$6.90 *	Teacher Aides, Paraprofessional	340	\$8.20
Guards	220	\$8.50 *	Truck Drivers, Heavy	660	\$14.80
Hand Packers & Packagers	450	\$7.00	Truck Drivers, Light	430	\$9.50
Helpers, Mechanics & Repairers	120	\$9.10	Waiters & Waitresses	820	\$6.10

Source: Utah Department of Workforce Services; Economic and Data Analysis.

Unless noted with (\*), wages are for the Salt Lake/Ogden Metro Area.

\* Statewide wages.

Just because an occupation is in this publication, doesn't mean jobs will be easy to find! Here we cover only the "demand" for occupations. The other side of the equation is the **supply** of workers wanting to work in that occupation.

Unfortunately, there's not much worker supply data.



## on the net. . .

- ✓ [wi.dws.state.ut.us](http://wi.dws.state.ut.us) —Utah Labor Market Information
- ✓ [www.bls.gov/](http://www.bls.gov/) —Bureau of Labor Statistics
- ✓ [www.bls.gov/ocohome.htm](http://www.bls.gov/ocohome.htm) —Occupational Outlook Handbook
- ✓ [www.ajb.org/ut/](http://www.ajb.org/ut/) —Utah's Job Bank
- ✓ [www.dws.state.ut.us/Job\\_board/default.asp](http://www.dws.state.ut.us/Job_board/default.asp) —Utah's Electronic Bulletin Board
- ✓ [firmfind.dws.state.ut.us/pgMain.asp](http://firmfind.dws.state.ut.us/pgMain.asp) —Lists of Utah Companies

do your homework!



do your homework!



## supply-side economics

An occupation may create hundreds of new openings every year. But, if thousands of workers are qualified for those positions, lots of workers won't find work in that field.

In other words, look at the *supply* of labor for a particular occupation—not just the *demand*. We do have some figures on the number of people completing certain

programs at public institutions. However, that excludes many, many qualified workers.

**So, you'll have to do your homework!** Check with people already employed in the occupation and employers who hire that occupation to determine whether there is an over- or under- supply of workers.

### Utah Jobs Where "Supply" May be Larger than "Demand"

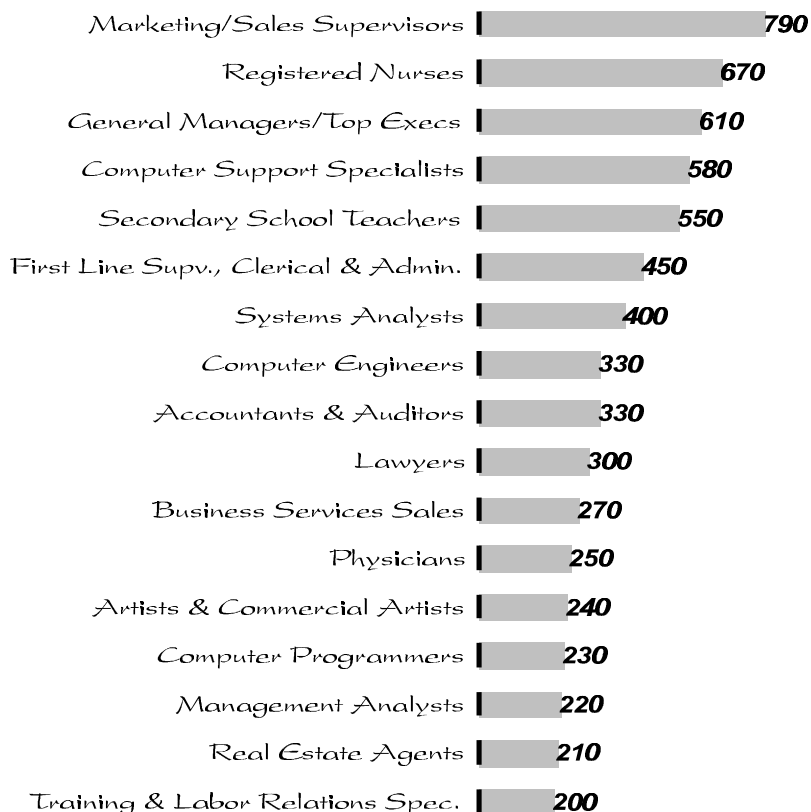
- ✓ Accountants
- ✓ Cosmetologists
- ✓ Drafters
- ✓ Sports Instructors/Coaches
- ✓ Management Analysts
- ✓ Marketing/Advertising Manager
- ✓ Psychologists
- ✓ Public Relations Specialists
- ✓ Recreation Workers
- ✓ Elementary Teachers
- ✓ Writers/Editors



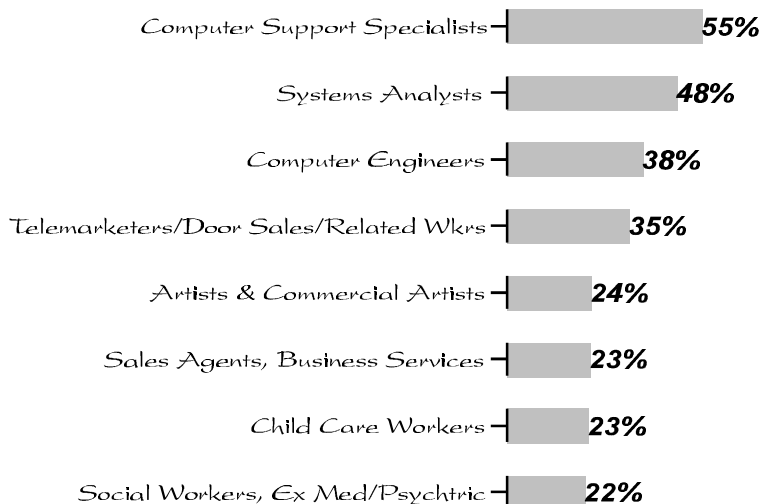
Remember,  
don't be  
tricked by our list  
of "fastest  
growing"  
occupations.  
Other jobs may  
have many more  
openings!



## Wasatch Front Occupations with Most New Openings and Higher Pay



## Fastest Growing Wasatch Front Occupations with at Least 100 Openings



use your head!

X Around 80 percent of all new jobs statewide will develop along the Wasatch Front.

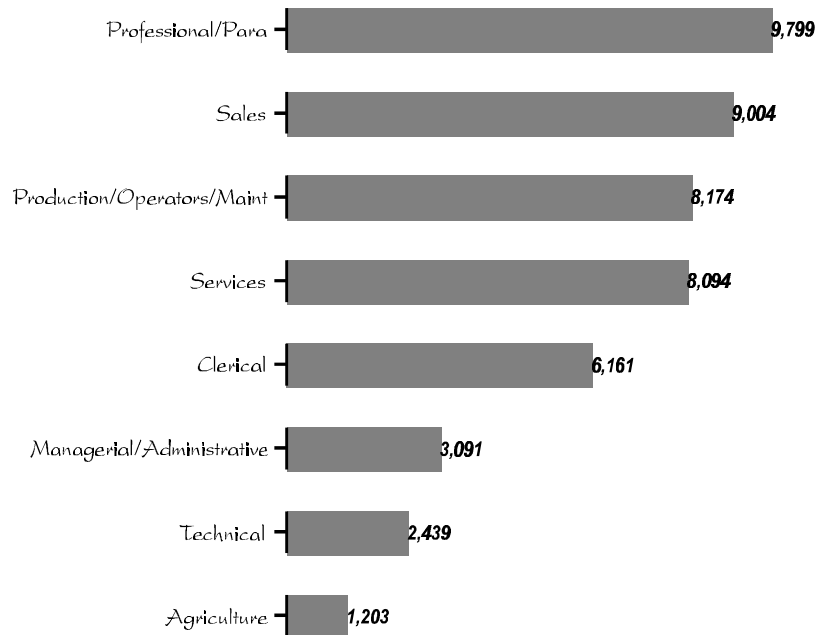
X Occupations requiring short-term, on-the-job training should generate the most jobs along the Wasatch Front.

X Did you expect that a Bachelor's Degree or higher would have the next highest job openings?

X Some of the fastest-growing occupations are sales and computer-related positions, **and** they pay well.

X Professional and para-professional occupations, coupled with sales positions, account for 39 percent of annual job openings.

## Wasatch Front 2000-2005 Annual Job Openings by Major Occupational Category



## Our Mission

The mission of the Utah Department of Workforce Services is to provide accessible, and comprehensive employment-related and supportive services responsive to the needs of employers, job seekers, and the community.

All the information in this publication was produced by the Utah Department of Workforce Services.



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